

REMARKS

The Office Action dated November 24, 2009 has been carefully reviewed and the foregoing amendment has been made in consequence thereof.

Upon entry of this amendment, Claims 1-20 will be pending in this application. Claims 1-12 stand rejected. Claims 5, 9, and 11 stand objected to. Claims 13-20 are newly added by this amendment. No additional fee is due for newly added Claims 13-20.

The objection to Claims 5, 9, and 11 due to informalities is respectfully traversed.

Each of Claims 5, 9, and 11 has been amended to recite “the image generator program is executed on a medical imaging apparatus including an X-ray computed tomography (CT) apparatus or a magnetic resonance imaging (MRI) apparatus....”

Accordingly, for at least the reasons set forth above, Applicants request that the objection to Claims 5, 9, and 11 be withdrawn.

The rejection of Claims 1-4, 6-8, 10, and 12 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,621,918 to Hu, et al. (hereinafter referred to as “Hu”) is respectfully traversed.

Applicants respectfully traverse the assertion on pages 2 and 3 of the Office Action that Hu describes an image generator program providing apparatus that includes “a controller device [receiving station and user interface] (Figure 1, Element 300 & 32) for sending to said receiver apparatus [transmitting station] (Figure 1, Element 100) through said communication device [network] (Figure 1, Element 200) . . . said image generator program having the setting values of said parameters configured to comply with the selection result . . . (Col. 11, Line 19-40 & 50-55).” Applicants respectfully submit that Hu does not describe or suggest sending an image generator *program* to a receiving apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images. However, in contrast to Applicants’ claimed invention,

Hu does not describe or suggest transmitting the data rendering method itself or a program for use in data rendering.

Hu describes a teleradiology system that includes a data transmitting station (100), a receiving station (300), and a network (200) that connects transmitting station (100) and receiving station (300). Receiving station (300) is controlled by a user (400) and is located at a healthcare professional's office or home. Transmitting station (100) is located proximate an image data source (10). User (400) specifies, via a user interface (32) of receiving station (300), a set of visualization specifications including an image data set to be visualized, a data rendering method to be used, rendering parameters used by the selected rendering method, and data transmission parameters for controlling data transmission over network (200). Receiving station (300) transmits the visualization specifications to transmitting station (100) as a request (20). Transmitting station (100) receives request (20) and generates a data rendering result, i.e., images, based on the visualization specifications. Transmitting station (100) then transmits the images to receiving station (300) via network (200).

Claim 1 recites an image generator program providing apparatus for sending an image generator program to a receiver apparatus, wherein the image generator program is configured to generate a plurality of images of a subject, each image of the plurality of images based on parameters having a different setting value and captured data obtained from the subject, and wherein the image generator program providing apparatus includes "a communication device configured to communicate with the receiver apparatus; and a controller device configured to: send to the receiver apparatus through said communication device the plurality of images generated by executing the image generator program with different setting values of the parameters; and send the image generator program having the setting values of the parameters configured to comply with a selection result to the receiver apparatus through said communication device, the image generator program sent in accordance with the selection result received through said communication device on images desired by the receiver apparatus."

Hu does not describe or suggest an image generator program providing apparatus, as recited in Claim 1. More specifically, Hu does not describe or suggest an image generator

program providing apparatus that includes a controller device configured to send an image generator *program* to a receiver apparatus through a communication device, wherein the image generator program includes setting values of a plurality of parameters configured to comply with a selection of one or more images at the receiver apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images.

Accordingly, for at least the reasons set forth above, Claim 1 is submitted to be patentable over Hu.

Claims 2 and 6 depend from independent Claim 1. When the recitations of Claims 2 and 6 are considered in combination with the recitations of Claim 1, Applicants submit that dependent Claims 2 and 6 likewise are patentable over Hu.

Claim 3 recites an image generator program providing apparatus for sending an image generator program to a receiver apparatus, wherein the image generator program is configured to generate a plurality of images of a subject, each image of the plurality of images based on parameters having a different setting value and captured data obtained from the subject, and wherein the image generator program providing apparatus includes “a communication device configured to communicate with the receiver apparatus; and a controller device configured to: send to the receiver apparatus through said communication device the plurality of images generated by executing the image generator program with the captured data received from the receiver apparatus through said communication device and with various setting values of the parameters configured differently; and send the image generator program having the setting values of the parameters configured to comply with a selection result to the receiver apparatus through said communication device, the image generator program sent in accordance with the selection result received through said communication device on images desired by the receiver apparatus.”

Hu does not describe or suggest an image generator program providing apparatus, as recited in Claim 3. More specifically, Hu does not describe or suggest an image generator program providing apparatus that includes a controller device configured to send an image

generator *program* to a receiver apparatus through a communication device, wherein the image generator program includes setting values of a plurality of parameters configured to comply with a selection of one or more images at the receiver apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images.

Accordingly, for at least the reasons set forth above, Claim 3 is submitted to be patentable over Hu.

Claims 4 and 12 depend from independent Claim 3. When the recitations of Claims 4 and 12 are considered in combination with the recitations of Claim 3, Applicants submit that dependent Claims 4 and 12 likewise are patentable over Hu.

Claim 7 recites an image generator program providing system for sending an image generator program from an originator apparatus that is a provider of the image generator program to a receiver apparatus that is the destination of the image generator program, wherein the image generator program is configured to generate a plurality of images of a subject, each image of the plurality of images based on parameters having a different setting value and captured data obtained from the subject, and wherein the originator apparatus includes “a first controller device configured to: send to said receiver apparatus the plurality of images generated by executing the image generator program with different setting values of the parameters; and send to said receiver apparatus the image generator program having the setting values of the parameters configured to comply with a selection result received from said receiver apparatus; said receiver apparatus comprising: a second controller device configured to select images desired from the plurality of images received from said originator apparatus and to send the selection result back to said originator apparatus.”

Hu does not describe or suggest an image generator program providing system, as recited in Claim 7. More specifically, Hu does not describe or suggest an originator apparatus including a first controller configured to send an image generator *program* to a receiver apparatus, wherein the image generator program includes setting values of a plurality of parameters configured to comply with a selection of one or more images at the receiver

apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images.

Accordingly, for at least the reasons set forth above, Claim 7 is submitted to be patentable over Hu.

Claims 8 and 10 depend from independent Claim 7. When the recitations of Claims 8 and 10 are considered in combination with the recitations of Claim 7, Applicants submit that dependent Claims 8 and 10 likewise are patentable over Hu.

For at least the reasons set forth above, Applicants respectfully request that the Section 102 rejection of Claims 1-4, 6-8, 10, and 12 be withdrawn.

The rejection of Claims 5, 9, and 11 under 35 U.S.C. § 103(a) as being unpatentable over Hu in view of U.S. Patent No. 6,975,113 to Gurr (hereinafter referred to as “Gurr”) is respectfully traversed.

Hu is described above. Gurr describes a magnetic resonance imaging (MRI) system (10) that includes a computer system (20) that is programmed to execute an image generation technique for reconstructing an image from MR data.

Claim 5 depends from independent Claim 1, which is recited above.

Neither Hu nor Gurr, considered alone or in combination, describes or suggests an image generator program providing apparatus, as recited in Claim 1. More specifically, neither Hu nor Gurr, considered alone or in combination, describes or suggests an image generator program providing apparatus that includes a controller device configured to send an image generator *program* to a receiver apparatus through a communication device, wherein the image generator program includes setting values of a plurality of parameters configured to comply with a selection of one or more images at the receiver apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images, and Gurr describes an MRI system that includes

a computer system programmed to execute an image generation technique for reconstructing an image from MR data.

Accordingly, for at least the reasons set forth above, Claim 1 is submitted to be patentable over Hu in view of Gurr.

When the recitations of Claim 5 are considered in combination with the recitations of Claim 1, Applicants submit that dependent Claim 5 likewise is patentable over Hu in view of Gurr.

Claim 9 depends from independent Claim 7, which is recited above.

Neither Hu nor Gurr, considered alone or in combination, describes or suggests an image generator program providing system, as recited in Claim 7. More specifically, neither Hu nor Gurr, considered alone or in combination, describes or suggests an originator apparatus including a first controller configured to send an image generator *program* to a receiver apparatus, wherein the image generator program includes setting values of a plurality of parameters configured to comply with a selection of one or more images at the receiver apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images, and Gurr describes an MRI system that includes a computer system programmed to execute an image generation technique for reconstructing an image from MR data.

Accordingly, for at least the reasons set forth above, Claim 7 is submitted to be patentable over Hu in view of Gurr.

When the recitations of Claim 9 are considered in combination with the recitations of Claim 7, Applicants submit that dependent Claim 9 likewise is patentable over Hu in view of Gurr.

Claim 11 depends from independent Claim 3, which is recited above.

Neither Hu nor Gurr, considered alone or in combination, describes or suggests an image generator program providing apparatus, as recited in Claim 3. More specifically,

neither Hu nor Gurr, considered alone or in combination, describes or suggests an image generator program providing apparatus that includes a controller device configured to send an image generator *program* to a receiver apparatus through a communication device, wherein the image generator program includes setting values of a plurality of parameters configured to comply with a selection of one or more images at the receiver apparatus. Rather, Hu describes transmitting data rendering parameters and an *identifier* of a data rendering method that are used to generate and display images, and Gurr describes an MRI system that includes a computer system programmed to execute an image generation technique for reconstructing an image from MR data.

Accordingly, for at least the reasons set forth above, Claim 3 is submitted to be patentable over Hu in view of Gurr.

When the recitations of Claim 11 are considered in combination with the recitations of Claim 3, Applicants submit that dependent Claim 11 likewise is patentable over Hu in view of Gurr.

For at least the reasons set forth above, Applicants respectfully request that the Section 103 rejection of Claims 5, 9, and 11 be withdrawn.

Newly added Claims 13 and 14 depend from independent Claim 1. When the recitations of Claims 13 and 14 are considered in combination with the recitations of Claim 1, Applicants submit that Claims 13 and 14 likewise are patentable over the cited art.

Newly added Claims 15 and 16 depend from independent Claim 3. When the recitations of Claims 15 and 16 are considered in combination with the recitations of Claim 3, Applicants submit that Claims 15 and 16 likewise are patentable over the cited art.

Newly added Claims 17-20 depend from independent Claim 7. When the recitations of Claims 17-20 are considered in combination with the recitations of Claim 7, Applicants submit that Claims 17-20 likewise are patentable over the cited art.

In view of the foregoing amendment and remarks, all the claims now active in this application are believed to be in condition for allowance. Reconsideration and favorable action are respectfully solicited.

Respectfully submitted,



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